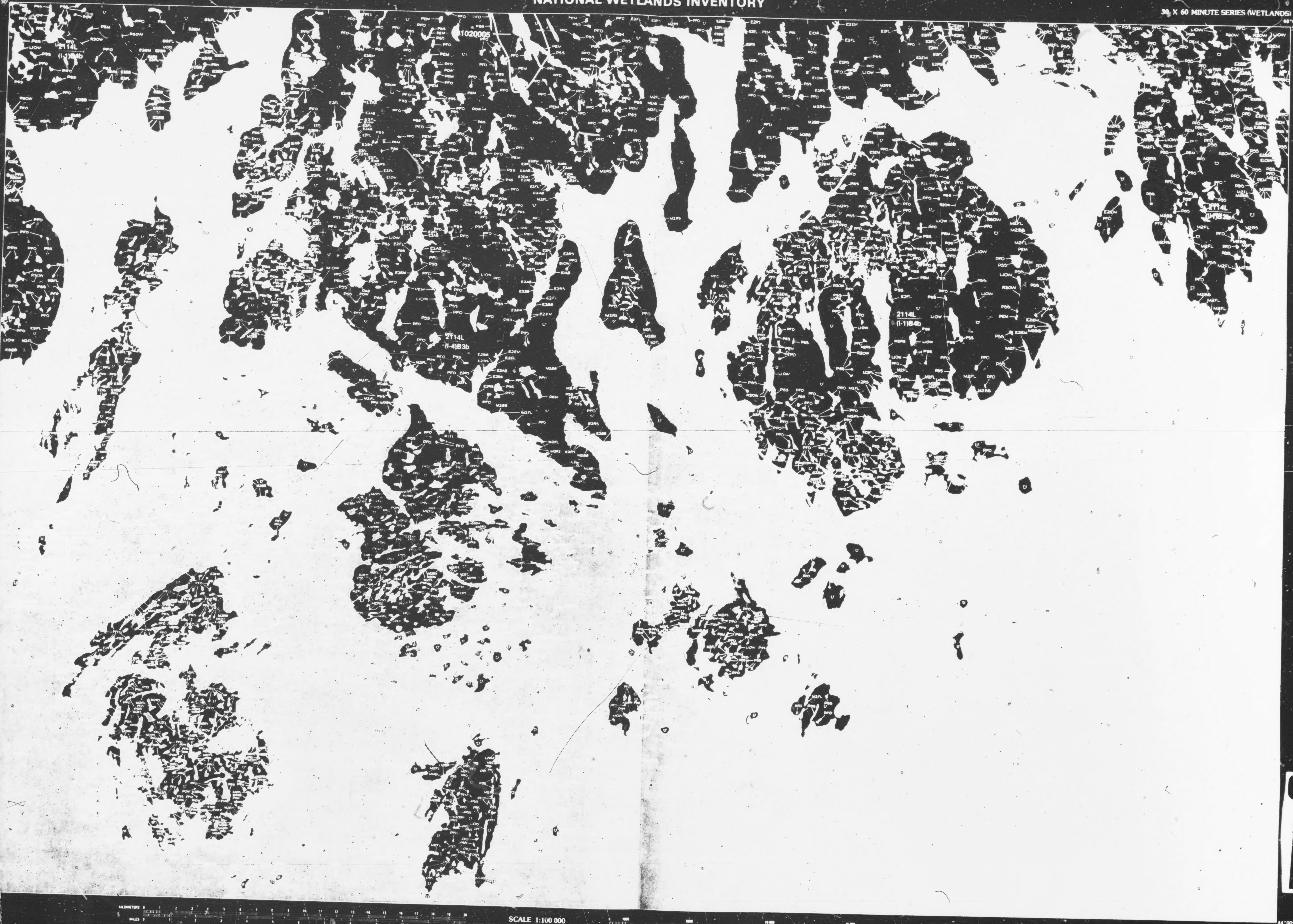
BAR HARBOR, MAINE

NATIONAL WETLANDS INVENTORY

30 X 60 MINUTE SERIES (WETLANDS)

69°00′ 44°30′ — 68°00′ 44°30′



44°00′ 69°00′ — 44°00′ 68°00′

1:100 000-scale wetland map of

Bar Harbor
MAINE

30 X 60 MINUTE QUADRANGLE SHOWING

- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names

FISH & WILDLIFE SERVICE

1979

Produced by the United States Fish and Wildlife Service

Wetland classifications from 1:120 000-scale color infrared photographs taken 1972 1:120 000-scale and 1:130 000-scale color infrared photographs taken 1973 1:80 000-scale black and white aerial photographs taken 1975 and other source data

SPECIAL NOTE

CONVERSION TABLE — DECLINATION DIAGRAM — ADJOINING MAPS

To convert meters to feet multiply by 3.2808

To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1979 magnetic declination (MN) at center of map. Diagrams is approximate

MN 18½° 329 MILS — GN 0°21′ 6 MILS

KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MILES 0 1 2 3 4 5 6 7 8 9 10 11 12

SCALE 1:100 000

1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

0 1000 5000 10 000 15 000 20 000 METERS

0 5000 10 000 15 000 20 000 25 000 30 000 35 000 40 000 45 000 50 000 55 000 60 000 65 000 FEET

WETLAND LEGEND

M MARINE
1 SUBTIDAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- RF Reef

M MARINE
2 INTERTIDAL
- AB Aquatic Bed
- RF Reef
- FL Flat
- RS Rocky Shore
- BB Beach/Bar

E ESTUARINE
1 SUBTIDAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- RF Reef

E ESTUARINE
2 INTERTIDAL
- AB Aquatic Bed
- RF Reef
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar
- EM Emergent
- SS Scrub/Shrub
- FO Forested

R RIVERINE
1 TIDAL
- EM Emergent (Nonpersistent)
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

R RIVERINE
2 LOWER PERENNIAL
- EM Emergent (Nonpersistent)
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

R RIVERINE
3 UPPER PERENNIAL
- OW Open Water/Unknown Bo.
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

R RIVERINE
4 INTERMITTENT
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- SB Streambed
- RS Rocky Shore
- BB Beach/Bar

L LACUSTRINE
1 LIMNETIC
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed

L LACUSTRINE
2 LITTORAL
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- RS Rocky Shore
- BB Beach/Bar
- EM Emergent (Nonpersistent)

P PALUSTRINE
NO SUBSYSTEMS
- OW Open Water/Unknown Bottom
- RB Rock Bottom
- UB Unconsolidated Bottom
- AB Aquatic Bed
- FL Flat
- ML Moss/Lichen
- EM Emergent
- SS Scrub/Shrub
- FO Forested

SYSTEM
SUBSYSTEM
Class
E2EM6N
Subclass, water regime *

U – Primarily represents upland areas but may include unclassified wetlands such as man-modified areas non photo-identifiable areas and/or un-intentional omissions

Pf or PEf Farmed wetlands

Controlled water regime

08080202 Hydrologic units *

2211 L Ecoregion *
(I-3) A1 Land-surface form *

BAR HARBOR, MAINE

1979

379 315

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

MAINE
CASTINE QUADRANGLE
MINUTE SERIES

BANGOR SE
BAR HARBOR

CASTINE, ME

MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM

Ecological Subsystem

CLASS

Subclass

M – MARINE

1 – Subtidal

2 – Intertidal

E – ESTUARINE

1 – Subtidal

2 – Intertidal

R – RIVERINE

1 – Tidal

2 – Lower Perennial

3 – Upper Perennial

4 – Intermittent

5 – Unknown Perennial

L – LACUSTRINE

1 – Limnetic

2 – Littoral

P – PALUSTRINE

No Subsystem

MODIFYING TERMS

SPECIAL NOTE

SYMBOLOGY EXAMPLE

NOTES TO THE USER

NATIONAL WETLANDS INVENTORY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BLUE HILL QUADRANGLE
MAINE - HANCOCK CO.
15 MINUTE SERIES (TOPOGRAPHIC)

BANGOR, SE
BAR HARBOR

BLUE HILL, ME

MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WETLAND LEGEND

U — Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM

M — MARINE

1 — Subtidal

2 — Intertidal

E — ESTUARINE

1 — Subtidal

2 — Intertidal

ECOLOGICAL SYSTEM

R — RIVERINE

1 — Tidal

2 — Lower Perennial

3 — Upper Perennial

4 — Intermittent

5 — Unknown Perennial

L — LACUSTRINE

1 — Limnetic

2 — Littoral

ECOLOGICAL SYSTEM

P — PALUSTRINE

MODIFYING TERMS

SPECIAL NOTE

SYMBOLOGY EXAMPLE

NOTES TO THE USER

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NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

COPY 2

BANGOR SE
BAR HARBOR

VINAL HAVEN, ME

VINALHAVEN, ME

MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WEST	EAST
VINALHAVEN	SWANS ISLAND

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

ECOLOGICAL SYSTEM

Ecological Subsystem

CLASS

Subclass

1 – Subtidal: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; RF – REEF; OW – OPEN WATER Unknown Bottom

2 – Intertidal: AB – AQUATIC BED; RF – REEF; FL – FLAT; RS – ROCKY SHORE; US – BEACH/BAR

[illegible]

E – ESTUARINE

ECOLOGICAL SYSTEM

Ecological Subsystem

CLASS

Subclass

1 – Subtidal: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; RF – REEF; OW – OPEN WATER Unknown Bottom

2 – Intertidal: AB – AQUATIC BED; RF – REEF; FL – FLAT; SB – STREAMBED; RS – ROCKY SHORE; US – BEACH/BAR; EM – EMERGENT; SS – SCRUB/SHRUB; FO – FORESTED

[illegible]

R – RIVERINE

ECOLOGICAL SYSTEM

Ecological Subsystem

CLASS

Subclass

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

EM – EMERGENT (1); RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; SB – STREAMBED; RS – ROCKY SHORE; US – BEACH/BAR; OW – OPEN WATER Unknown Bottom

[illegible]

(1) EM – EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystems. All other classes are found in all Riverine Ecological Subsystems.

L – LACUSTRINE

ECOLOGICAL SYSTEM

Ecological Subsystem

CLASS

Subclass

1 – Limnetic: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; OW – OPEN WATER Unknown Bottom

2 – Littoral: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; RS – ROCKY SHORE; US – BEACH/BAR; EM – EMERGENT; OW – OPEN WATER Unknown Bottom

[illegible]

P – PALUSTRINE

ECOLOGICAL SYSTEM

No Subsystem

CLASS

Subclass

RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; ML – MOSS-LICHEN; EM – EMERGENT; SS – SCRUB/SHRUB; FO – FORESTED; OW – OPEN WATER Unknown Bottom

[illegible]

MODIFYING TERMS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME (1)		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	[illegible]	pH Modifiers for all Fresh Water	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

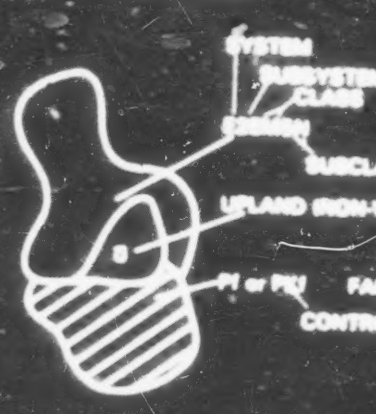
(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above [illegible].

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deep-Water Habitats of the United States (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

SYMBOLOGY EXAMPLE



NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user.
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.

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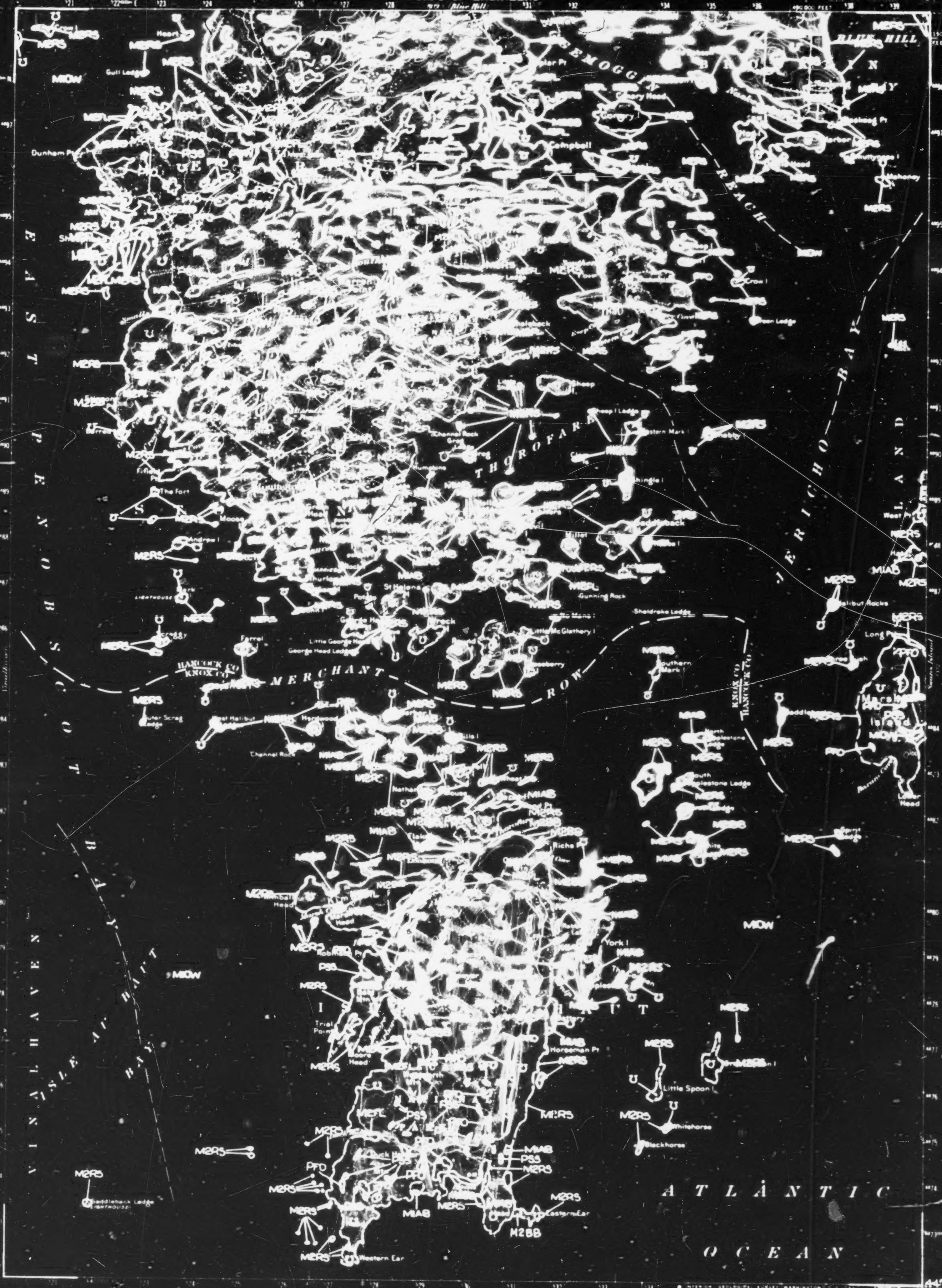
NATIONAL WETLANDS INVENTORY

COPY 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS



BANGOR, SE
BAR HARBOR

DEER ISLE, ME

MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WEST		EAST	
CASTINE	BLUE HILL	MOUNT DESERT	BAR HARBOR
VINALHAVEN	DEER ISLE	SWANS ISLAND	

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM

M – MARINE

1 – Subtidal [illegible] 2 – Intertidal [illegible]

E – ESTUARINE

1 – Subtidal [illegible] 2 – Intertidal [illegible]

R – RIVERINE

1 – Tidal 2 – Lower Perennial 3 – Upper Perennial 4 – Intermittent 5 – Unknown Perennial [illegible]

L – LACUSTRINE

1 – Limnetic [illegible] 2 – Littoral [illegible]

P – PALUSTRINE

[illegible]

MODIFYING TERMS

[illegible]

(1) [illegible]

SPECIAL NOTE

[illegible] Federal, State and local regulatory agencies [illegible]

SYMBOLOGY EXAMPLE

NOTES TO THE USER

- [illegible] field examined are indicated [illegible] (*).
- [illegible] (either vegetative or sedentary animal) [illegible] by the interested user.
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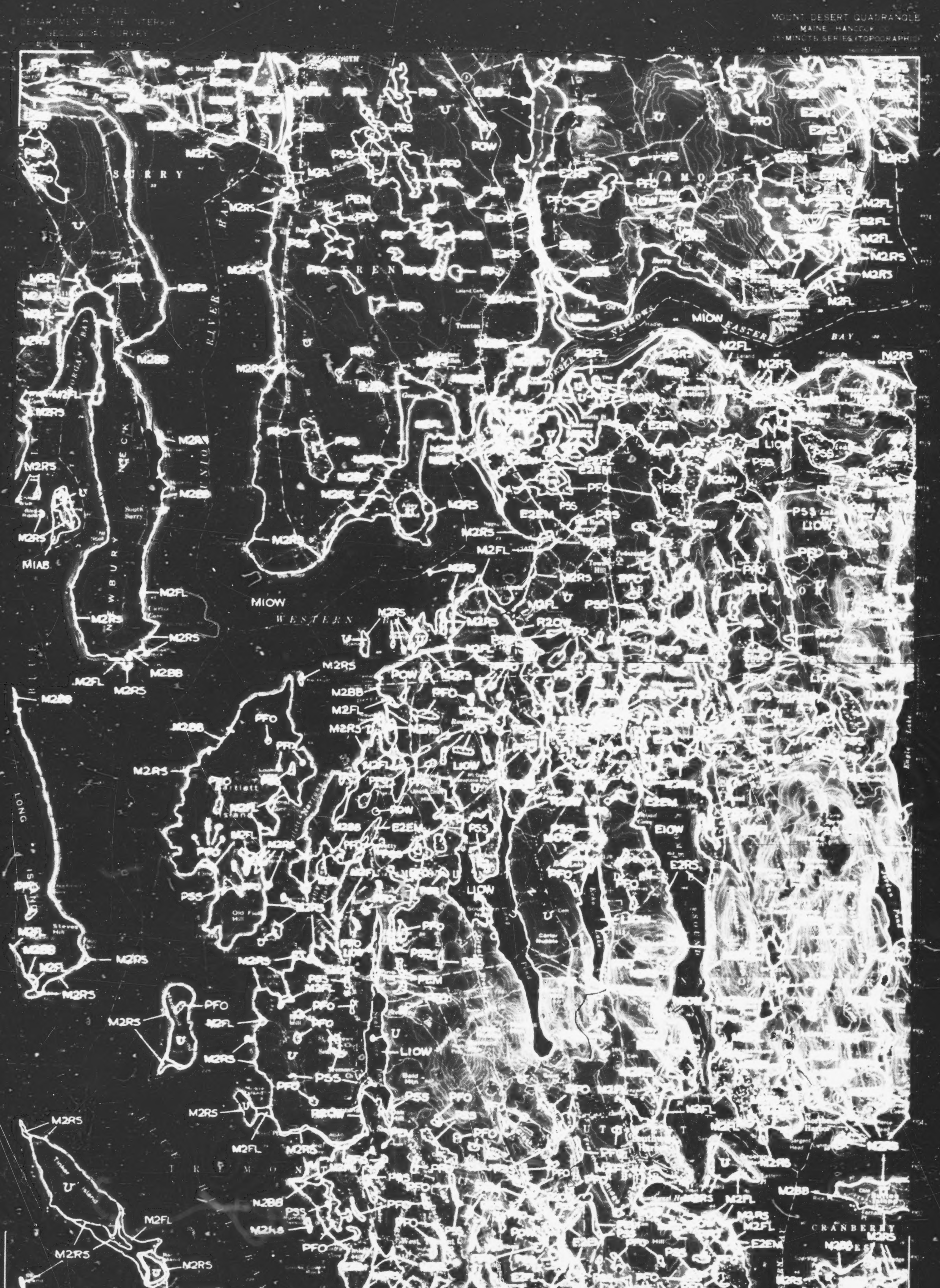
3 7 9 3 1 9

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR



MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WEST	EAST

WETLAND LEGEND

U – Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions.

M – MARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; RF REEF; OW OPEN WATER Unknown Bottom

2 – Intertidal: AB AQUATIC BED; RF REEF; FL FLAT; RS ROCKY SHORE; US BEACH/BAR

E – ESTUARINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Subtidal: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; RF REEF; OW OPEN WATER Unknown Bottom

2 – Intertidal: AB AQUATIC BED; RF REEF; FL FLAT; SB STREAMBED; RS ROCKY SHORE; US BEACH/BAR; EM EMERGENT; SS SCRUB/SHRUB; FO FORESTED

R – RIVERINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial

EM – EMERGENT(1); RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; SB – STREAMBED; RS – ROCKY SHORE; US – BEACH/BAR; OW – OPEN WATER Unknown Bottom

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L – LACUSTRINE

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

1 – Limnetic: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; OW OPEN WATER Unknown Bottom

2 – Littoral: RB ROCK BOTTOM; UB UNCONSOLIDATED BOTTOM; AB AQUATIC BED; FL FLAT; RS ROCKY SHORE; US BEACH/BAR; EM EMERGENT; OW OPEN WATER Unknown Bottom

P – PALUSTRINE

ECOLOGICAL SYSTEM
No Subsystem
CLASS
Subclass

RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; ML – MOSS-LICHEN; EM – EMERGENT; SS – SCRUB/SHRUB; FO – FORESTED; OW – OPEN WATER Unknown Bottom

MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)		WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

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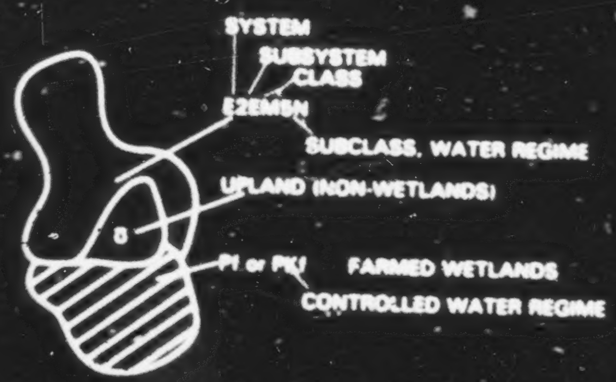
SYMBOLOGY EXAMPLE



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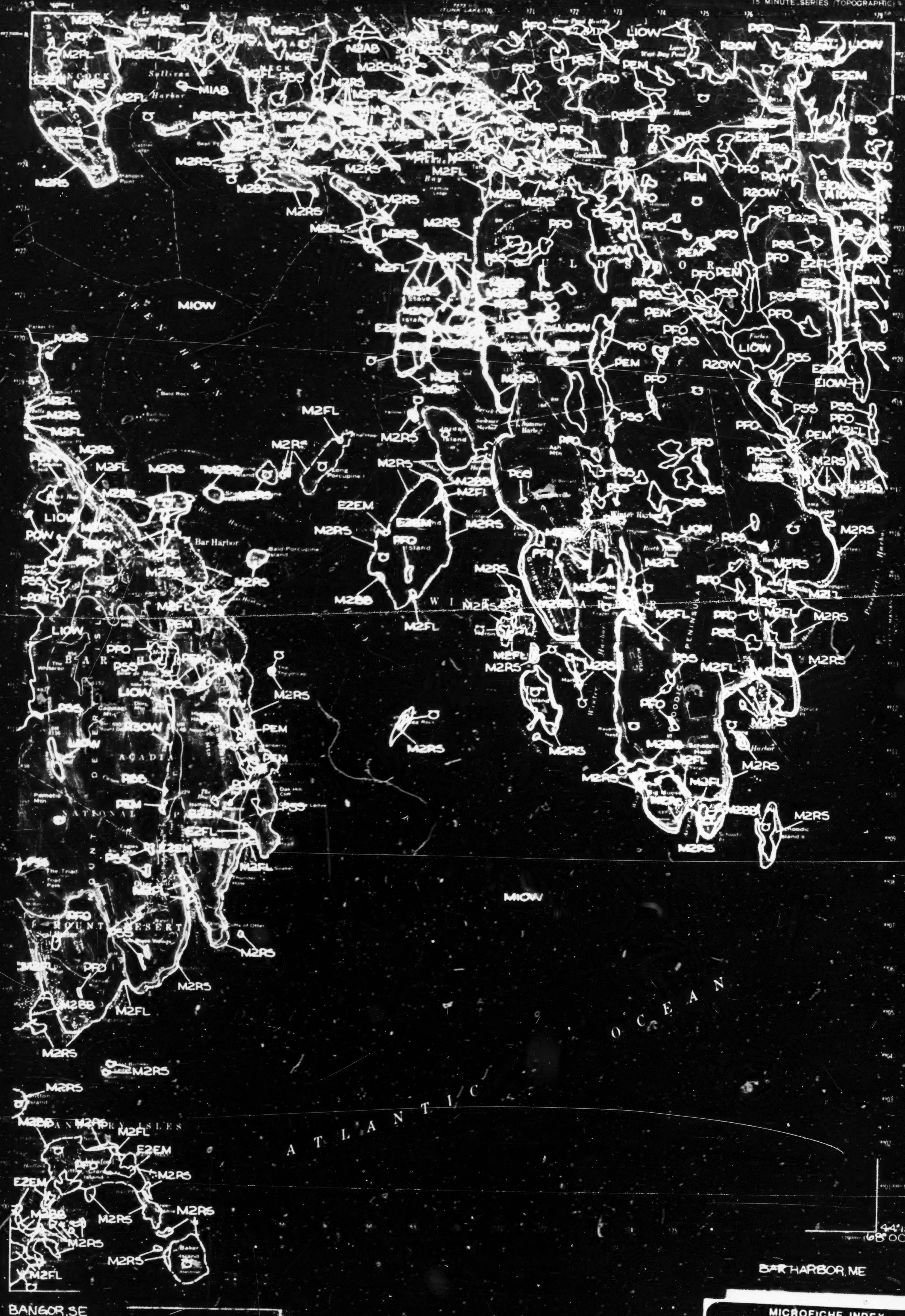
C. 2

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

BAR HARBOR QUADRANGLE
MAINE - HANCOCK CO.
15 MINUTE SERIES (TOPOGRAPHIC)



BANGOR, SE

BAR HARBOR

BAR HARBOR, ME

MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WEST		EAST	
CASTINE	BLUE HILL	MOUNT DESERT	BAR HARBOR
VINALHAVEN	DEER ISLE	SWANS ISLAND	

WETLAND LEGEND

U — Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non-photo-identifiable areas and/or unintentional omissions.

ECOLOGICAL SYSTEM
Ecological Subsystem
CLASS
Subclass

M — MARINE

1 — Subtidal: RB — ROCK BOTTOM; UB — UNCONSOLIDATED BOTTOM; AB — AQUATIC BED; RF — REEF; OW — OPEN WATER/Unknown Bottom

2 — Intertidal: AB — AQUATIC BED; RF — REEF; FL — FLAT; RS — ROCKY SHORE; BB — BEACH/BAR

[illegible]

E — ESTUARINE

1 — Subtidal: RB — ROCK BOTTOM; UB — UNCONSOLIDATED BOTTOM; AB — AQUATIC BED; RF — REEF; OW — OPEN WATER/Unknown Bottom

2 — Intertidal: AB — AQUATIC BED; RF — REEF; FL — FLAT; SB — STREAMBED; RS — ROCKY SHORE; BB — BEACH/BAR; EM — EMERGENT; SS — SCRUB/SHRUB; FO — FORESTED

[illegible]

R — RIVERINE

1 — Tidal; 2 — Lower Perennial; 3 — Upper Perennial; 4 — Intermittent; 5 — Unknown Perennial

EM — EMERGENT(1); RB — ROCK BOTTOM; UB — UNCONSOLIDATED BOTTOM; AB — AQUATIC BED; FL — FLAT; SB — STREAMBED; RS — ROCKY SHORE; BB — BEACH/BAR; OW — OPEN WATER/Unknown Bottom

[illegible]

(1) EM — EMERGENTS are only found in the [illegible] All other classes are found in all Riverine Ecological Subsystems.

L — LACUSTRINE

1 — Limnetic: RB — ROCK BOTTOM; UB — UNCONSOLIDATED BOTTOM; AB — AQUATIC BED; OW — OPEN WATER/Unknown Bottom

2 — Littoral: RB — ROCK BOTTOM; UB — UNCONSOLIDATED BOTTOM; AB — AQUATIC BED; FL — FLAT; RS — ROCKY SHORE; BB — BEACH/BAR; EM — EMERGENT; OW — OPEN WATER/Unknown Bottom

[illegible]

P — PALUSTRINE

No Subsystems

RB — ROCK BOTTOM; UB — UNCONSOLIDATED BOTTOM; AB — AQUATIC BED; FL — FLAT; ML — MOSS-LICHEN; EM — EMERGENT; SS — SCRUB/SHRUB; FO — FORESTED; OW — OPEN WATER/Unknown Bottom

[illegible]

MODIFYING TERMS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

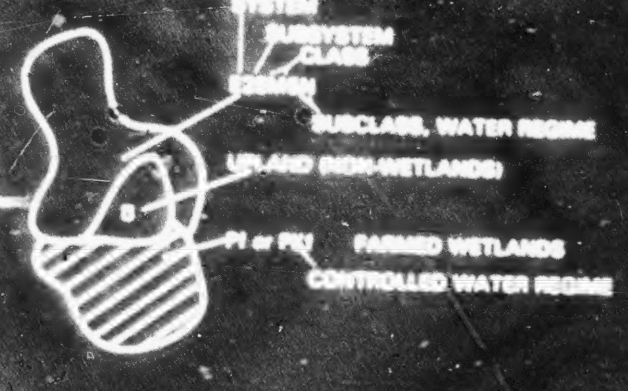
WATER REGIME(1)		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal		pH Modifiers for all Fresh Water		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.

SPECIAL NOTE

[illegible]

SYMBOLOGY EXAMPLE



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copy 2

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

BANGOR, SE
BAR HARBOR

SWANS ISLAND, ME

SWANS ISLAND MAINE

MICROFICHE INDEX

BAR HARBOR (BANGOR SE)

WEST		EAST	
CASTINE		MOUNT DESERT	BAR HARBOR
VINALHAVEN	DEER ISLE	SWANS ISLAND	

WETLAND LEGEND

ECOLOGICAL SYSTEM

M – MARINE

E – ESTUARINE

R – RIVERINE

L – LACUSTRINE

P – PALUSTRINE

MODIFYING TERMS

SPECIAL NOTE

SYMBOLOGY EXAMPLE

NOTES TO THE USER

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